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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

FINANCE, ACCOUNTING AND STATISTICS DEPARTMENT
VOL. 71 For Week Ended October 5, 1990 NO. 40

SUMMARY*

(In Thousands of 42-gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 10/05/90	Last Week Ending: 09/28/90	Last Year Week Ending: 10/06/89	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	13,655	14,145	13,748	-490	-93
Operable capacity	15,591	15,516	15,576	75	15
Percent operated	87.6	91.2	88.3		
Motor Gasoline					
Total motor gasoline production	6,985	7,327	7,035	-342	-50
Finished leaded motor gasoline production	353	371	653	-18	-300
Finished unleaded motor gasoline production	6,632	6,956	6,382	-324	250
Total motor gasoline stocks	225,679	223,892	225,824	1,787	-145
Finished leaded motor gasoline stocks	10,863	11,063	21,428	-200	-10,565
Finished unleaded motor gasoline stocks	174,137	172,008	162,966	2,129	11,171
Jet Fuel Kerosine					
Jet fuel kerosine production	1,321	1,319	1,257	2	64
Jet fuel kerosine stocks	43,128	42,143	41,264	985	1,864
Distillate Fuel Oil					
Distillate fuel oil production	2,909	2,955	2,961	-46	-52
Distillate fuel oil stocks	133,279	134,807	121,771	-1,528	11,508
Residual Fuel Oil					
Residual fuel oil production	890	961	863	-71	27
Residual fuel oil stocks	50,476	51,488	45,201	-1,012	5,275
Imports					
Crude oil imports	5,423	5,459	6,296	-36	-873
Product imports	1,553	2,387	2,208	-834	-655
Crude Oil Stocks					
Crude oil stocks	350,446	354,644	337,064	-4,198	13,382
Crude Supply Balance	584				

*See definitions on page 6.

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,478	1,303	1,303	1,384	94.1
Appal. No. 1	111	97	100	124	80.6
DISTRICT 1 TOTAL	1,589	1,400	1,403	1,508	93.0
Ind., Ill., Ky.	2,327	2,102	2,152	2,195	98.0
Minn., Wisc., Daks.	341	329	329	343	95.9
Okla., Kans., Mo.	821	715	718	737	97.4
DISTRICT 2 TOTAL	3,489	3,146	3,199	3,275	97.7
Inland Texas	548	494	507	584	86.8
Texas Gulf Coast	3,055	2,568	2,591	3,339	77.6
La. Gulf Coast	2,781	2,440	2,450	2,903	84.4
N. La. and Ark.	191	172	185	257	72.0
New Mexico	90	74	69	78	88.5
DISTRICT 3 TOTAL	6,665	5,748	5,802	7,161	81.0
DISTRICT 4 TOTAL	503	481	483	556	86.9
DISTRICT 5 TOTAL	2,837	2,712	2,768	3,091	89.6
TOTAL U.S.	15,083	13,487	13,655	15,591	87.6
TOTAL U.S. Weeks Ended:					
SEP. 28, 1990	15,240	13,962	14,145	15,516	91.2
OCT. 6, 1989	14,764	13,573	13,748	15,576	88.3
DISTRICTS 1-4 Weeks Ended:					
OCT. 05, 1990	12,246	10,775	10,887	12,500	87.1
SEP. 28, 1990	12,344	11,182	11,290	12,497	90.3
OCT. 6, 1989	11,969	10,909	10,985	12,538	87.6

API WEEKLY STATISTICAL BULLETIN

Week Ended October 5, 1990

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil
East Coast	734	7	727	7	95	345	116
Appal. No. 1	40	2	38	--	--	33	2
DISTRICT 1 TOTAL	774	9	765	7	95	378	118
Ind., Ill., Ky.	1,337	27	1,310	2	164	418	74
Minn., Wisc., Daks.	184	10	174	1	23	95	6
Okla., Kans., Mo.	432	10	422	7	36	195	4
DISTRICT 2 TOTAL	1,953	47	1,906	10	223	708	84
Inland Texas	240	12	228	18	33	117	12
Texas Gulf Coast	1,609	7	1,602	63	237	563	186
La. Gulf Coast	915	6	909	25	339	476	104
N. La. and Ark.	60	--	60	6	10	54	14
New Mexico	41	12	29	12	--	19	1
DISTRICT 3 TOTAL	2,865	37	2,828	124	619	1,229	317
DISTRICT 4 TOTAL	219	56	163	16	29	137	10
DISTRICT 5 TOTAL	1,174	204	970	45	355	457	361
TOTAL U.S.	6,985	353	6,632	202	1,321	2,909	890
TOTAL U.S. Weeks Ended:							
SEP. 28, 1990	7,327	371	6,956	189	1,319	2,955	961
OCT. 6, 1989	7,035	653	6,382	213	1,257	2,961	863
DISTRICTS 1-4 Weeks Ended:							
OCT. 05, 1990	5,811	149	5,662	157	966	2,452	529
SEP. 28, 1990	6,046	170	5,876	130	973	2,524	571
OCT. 6, 1989	5,854	424	5,430	136	941	2,504	494

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.

[2]Includes Grade No. 4 fuel oil.

API WEEKLY STATISTICAL BULLETIN

Week Ended October 5, 1990

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Motor Gasoline: Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
New England	4,587	15	4,571	1	96	639	6,518	606	--
Central Atlantic	26,430	38	22,505	3,887	321	6,015	39,122	20,816	12,515
Lower Atlantic	31,794	20	31,617	157	450	5,120	16,867	2,406	439
DISTRICT 1 TOTAL	62,811	73	58,693	4,045	867	11,774	62,507	23,828	12,954
DISTRICT 2 TOTAL	60,499	3,255	48,628	8,616	878	8,994	28,615	3,940	16,871
DISTRICT 3 TOTAL	64,504	821	45,841	17,842	2,382	14,926	27,721	15,681	52,867
DISTRICT 4 TOTAL	6,634	1,295	3,049	2,290	443	799	2,815	485	2,095
DISTRICT 5 TOTAL	31,231	5,419	17,926	7,886	1,554	6,635	11,621	6,542	26,078
TOTAL U.S.	225,679	10,863	174,137	40,679	6,124	43,128	133,279	50,476	110,865
TOTAL U.S. Weeks Ended:									
SEP. 28, 1990	223,892	11,063	172,008	40,821	6,070	42,143	134,807	51,488	113,096
OCT. 6, 1989	225,824	21,428	162,966	41,430	7,017	41,264	121,771	45,201	105,576
DISTRICTS 1-4 Weeks Ended:									
OCT. 05, 1990	194,448	5,444	156,211	32,793	4,570	36,493	121,658	43,934	84,787
SEP. 28, 1990	192,000	5,464	154,431	32,105	4,518	35,088	123,064	43,940	87,463
OCT. 6, 1989	196,641	16,060	146,977	33,604	4,787	35,990	111,093	37,236	81,391

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasolin

[2]Includes Grade No. 4 fuel oil

API WEEKLY STATISTICAL BULLETIN
Week Ended October 5, 1990

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS, CRUDE OIL SUPPLY BALANCE AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy May 1990	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
OCT. 05, 1990	4,415.0	4,461.0	5,172	603	277,509
SEP. 28, 1990	4,415.0	--	5,325*	638	283,130
SEP. 21, 1990	4,415.0	--	5,826*	692	287,263
SEP. 14, 1990	4,415.0	--	5,730	737	292,281
DISTRICT 5 TOTAL					
OCT. 05, 1990	2,596.0	2,741.0	251	--	72,937 #
SEP. 28, 1990	2,596.0	--	134	11	71,514
SEP. 21, 1990	2,596.0	--	206	--	76,749
SEP. 14, 1990	2,596.0	--	303	35	77,479
TOTAL U.S.					
OCT. 05, 1990	7,011.0	7,202.0	5,423	603	350,446 #
SEP. 28, 1990	7,011.0	--	5,459*	649	354,644
SEP. 21, 1990	7,011.0	--	6,032*	692	364,012
SEP. 14, 1990	7,011.0	--	6,033	772	369,760
OCT. 6, 1989	7,548.0 a/	--	6,296	704	337,064

#INCLUDES 16,528 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

a/ DOE actual for September 1989.

DAILY AVERAGE CRUDE OIL SUPPLY BALANCE[1] (In thousands of 42-gallon barrels)

Week Ended:	Current	1989 Averages Absolute	1989 Averages Positive	1989 Averages Negative
OCT. 05, 1990	584	451	493	-390

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
OCT. 05, 1990	17,332	72,964	176,958	10,255	277,509	72,937 #	350,446 #
SEP. 28, 1990	15,809	75,334	181,748	10,239	283,130	71,514	354,644
OCT. 6, 1989	15,290	69,896	162,001	11,506	258,693	78,371	337,064

[1]See definitional notes, Page 6.

IMPORTS OF PETROLEUM PRODUCTS
(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oils	Other	Total
New England	--	--	--	--	--	39	59	80	4	--	--	182
Central Atlantic	186	--	186	20	--	--	112	248*	6	80	38	690*
Lower Atlantic	23	--	23	--	--	9	7	--	--	--	23	62
DISTRICT 1 TOTAL												
OCT. 05, 1990	209	--	209	20	--	48	178	328	10	80	61	934
SEP. 28, 1990	443	--	443	69	--	36	329	264	24	214	78	1,457
SEP. 21, 1990	210	19	191	32	--	64	217	250*	12	82	81	948*
SEP. 14, 1990	238	--	238	34	--	21	384	391	17	42	69	1,196
DISTRICTS 2-4 TOTAL												
OCT. 05, 1990	3	--	3	4	--	60	3	5	57	302	157	591
SEP. 28, 1990	7	--	7	9	2	50	6	5	169	280	345	873
SEP. 21, 1990	2	--	2	43	2	8	2	5	135	146	93	436
SEP. 14, 1990	37	--	37	16	2	7	7	5	173	557	135	939
DISTRICT 5 TOTAL												
OCT. 05, 1990	4	--	4	--	--	5	1	4	3	--	11	28
SEP. 28, 1990	30	--	30	--	--	3	2	8	9	--	5	57
SEP. 21, 1990	3	--	3	--	--	--	1	--	6	--	1	11
SEP. 14, 1990	7	--	7	--	--	15	3	2	8	--	2	37
TOTAL U.S.	216	--	216	24	--	113	182	337	70	382	229	1,553
TOTAL U.S. Weeks Ended:												
SEP. 28, 1990	480	--	480	78	2	89	337	277	202	494	428	2,387
SEP. 21, 1990	215	19	196	75	2	72	220	255*	153	228	175	1,395*
SEP. 14, 1990	282	--	282	50	2	43	394	398	198	599	206	2,172
OCT. 6, 1989	478	--	478	66	35	71	276	337	253	509	183	2,208

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Gasoline blending components are not included in total motor gasoline imports.

[3]Includes Grade No. 4 fuel oil

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Crude Supply Balance

Crude Supply Balance is the arithmetic difference, expressed in MB/D, between those factors that make up the availability of crude oil (Supply), i.e., estimated domestic crude oil production plus imports plus or minus the change in crude oil stocks, and those factors that convert or consume crude oil (Disposition), i.e., crude oil refinery inputs, exports, product supplied (used directly as fuel) and losses. A negative volume indicates a supply greater than disposition while a positive number indicates insufficient supply to balance.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but included shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorous per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Finance, Accounting and Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE, Petroleum Supply Annual.

API WEEKLY STATISTICAL BULLETIN
WEEK ENDED: OCT. 05, 1990

REVISIONS

09/21/90	PAGE 4	T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,826
				TOTAL U.S.	6,032
	PAGE 5		RESIDUAL FUEL	CENTRAL ATLANTIC	156
				DISTRICT 1 TOTAL	250
				TOTAL U.S.	255
			TOTAL	CENTRAL ATLANTIC	499
				DISTRICT 1 TOTAL	948
				TOTAL U.S.	1,395
09/28/90	PAGE 4	T	TOTAL CRUDE OIL IMPORTS	DISTRICTS 1-4 TOTAL	5,325
				TOTAL U.S.	5,459